PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3190013

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY ALLEN DOERING	02/12/2013
ALEX O'CONNOR GIBSON	02/20/2013
DENNIS CRAIG REED	01/10/2013
ADAM NATHAN BANKER	01/22/2013
DAVID OSHINSKY	01/07/2013

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	FAIRLANE PLAZA SOUTH, SUITE 800
Internal Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14601086	

CORRESPONDENCE DATA

Fax Number: (503)459-4142

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 503-459-4141 Email: fulton@ahmrt.com

ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP **Correspondent Name:**

Address Line 1: 806 S.W. BROADWAY, SUITE 600

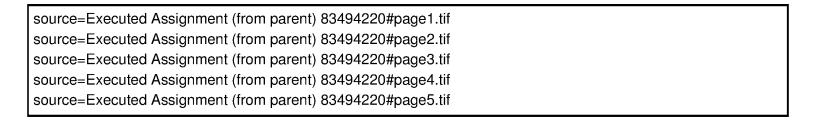
Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83494220
NAME OF SUBMITTER:	MAXFIELD FULTON
SIGNATURE:	/Maxfield Fulton/
DATE SIGNED:	01/20/2015

Total Attachments: 5

PATENT REEL: 034764 FRAME: 0133

503143401



	,	
Attorney Docket Number		

		DRIVELINE BRAKING MODES	
	This declaration is directed	d to:	
	United United	ached application, or States application or PCT international application numberfiled on	
	The above-identified appl	lication was made or authorized to be made by me.	
	I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,	
	I believe that I am the orig	ginal inventor or an original joint inventor of a claimed invention in the application.	
	continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior tall or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do self, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/776, 263, Filing Date February 25, 2013), and I hereby self, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.			
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
-	And I hereby represent as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.			
-	LEGAL NAME OF INVI		
	Inventor: Jeffrey Al	the state of the s	
	Signature:	— <i>VIII</i> — — — — — — — — — — — — — — — — — —	
	Slote: An Application Data	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
		is them for each additional inventor.	

Title of Invention

Attorney Docket Number	83242830	2

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

METHODS AND SYSTEMS FOR TRANSITIONING BETWEEN

DRIVELINE BRAKING MODES			
This declaration is directed to:			
The attached application, or United States application or PCT international application number filed on			
The above-identified application was made or authorized to be made by me.			
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.			
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. $13/776,263$, Filing Date February 25, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.			
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.			
LEGAL NAME OF INVENTOR			
Inventor: Alex O'Connor Gibson Date: 4/4/			
Signature:			
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			
Use an additional declaration form for each additional inventor.			

Attorney Docket Number 83242830	12830	Attorney Docket Number

Title of Inventi	on	METHODS AND SYSTEMS FOR TRANSITIONING BETWEEN DRIVELINE BRAKING MODES		
This declaration is directed to:				
		attached application, or ed States application or PCT international application number filed on		
The above-identi	fied app	oplication was made or authorized to be made by me.		
I hereby state the including the claim		ave reviewed and understand the contents of the specification in the above-identified application,		
I believe that I an	n the or	original inventor or an original joint inventor of a claimed invention in the application.		
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Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/776,263 , Filing Date February 25, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.				
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.				
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.				
LEGAL NAME				
Inventor:	ennis (//	Graig Reed Date:		
Signature:	Al-	and		
Note: An Applica	ition Da	eata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form		
Use an additional	declarati	tion form for each additional inventor.		

Attorney Docket Number	83242830	
(

Title of Invention	METHODS AND SYSTEMS FOR TRANSITIONING BETWEEN DRIVELINE BRAKING MODES					
This declaration is directed to:						
∑ The a ☐ Unite	ttached application, or d States application or PCT international application number					
	filed on					
The above-identified application was made or authorized to be made by me.						
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.						
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
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And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.						
And I hereby represent	and warrant that I have not granted any rights inconsistent with the rights granted herein.					
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.						
LEGAL NAME OF IN	VENTOR (197) 2017					
Inventor: Adam N	lathan Banker Date: 1/22/3015					
Signature: ash Eash						
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.						
Use an additional declarat	tion form for each additional inventor.					

Attorney Docket Number	83242830

Title of Inven	tion METHODS AND DRIVELINE BRAKI		R TRANSI	ITIONING	BETWEEN	
This declaration	is directed to:					
	The attached application, or United States application or PCT i	nternational application				
The above-identified application was made or authorized to be made by me.						
I hereby state to including the cla	hat I have reviewed and understand ims.	I the contents of the spe	ecification in th	e above-identi	fied application,	
I believe that I a	m the original inventor or an origina	l joint inventor of a clain	ned invention in	the application	n.	
continuation-in-	ne duty to disclose information whic part applications, material informathe the national or PCT international fili	tion which became av	ailable between	the filing da		
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGNI for the invention name or names, insert the seria 13/776,2 ASSIGNEE, its applications, in including all approximate of the serial applications and the serial applications are serial applications.	employment agreement heretofore L TECHNOLOGIES, LLC, a Ford M Delaware, having its principal place and foreign, in and to the invention EE, its successors, assigns or other less and discoveries in any and all control or in my name, at its or their election or in my name, at its or their election or in my name, at its or their election lapplication number and filing decent of the successors, assigns or other less and to the inventions and discoveries pulications claiming benefit of the and reissue applications.	Motor Company subsidiars of business at Dearbor essors, assigns or other lands and discoveries in the egal representatives to mattries, entities and interpretate of the application dary 25, 2013 and representatives, all residents in any and all countries.	ry, organized and rn, County of Vingal representate above-identified above-identified above application governmental of the ASSIGNITY to receive Letter, and I hereby a rights of priority, entities and in	ad existing by wayne, and Statives, the entired invention in and to receive rganizations, in EE or ASSIGN ters Patent her sell, assign and ty, including ntergovernmen	virtue of the laws ate of Michigan, re right, title and acluding the right we Letters Patent in its or their own IEE's attorney to rein: Serial No. d set over to the any provisional atal organizations	
including applic organizations, a	gree for myself, my heirs, successor eations for Letters Patent of any and and to perform any and all acts which essary to secure thereto the rights here	all kinds and in any an the ASSIGNEE, its su	d all countries, ccessors, assign	entities and in	ntergovernmental	
And I hereby re	present and warrant that I have not g	ranted any rights inconsis	stent with the rig	ghts granted he	rein.	
or imprisonmen	vledge that any willful false stateme t of not more than five (5) years or b		on is punishable	e under 18 U.S	C. 1001 by fine	
	OF INVENTOR David Oshinsky		Date: <u>1/</u>	/7/13		
Signature:	David A. Oshursh					
Note: An Applic	ation Data Sheet (PTO/SR/14 or equiva	lent) including naming the	entire inventive	entity must see	omnany this form	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.						

Use an additional declaration form for each additional inventor.

RECORDED: 01/20/2015